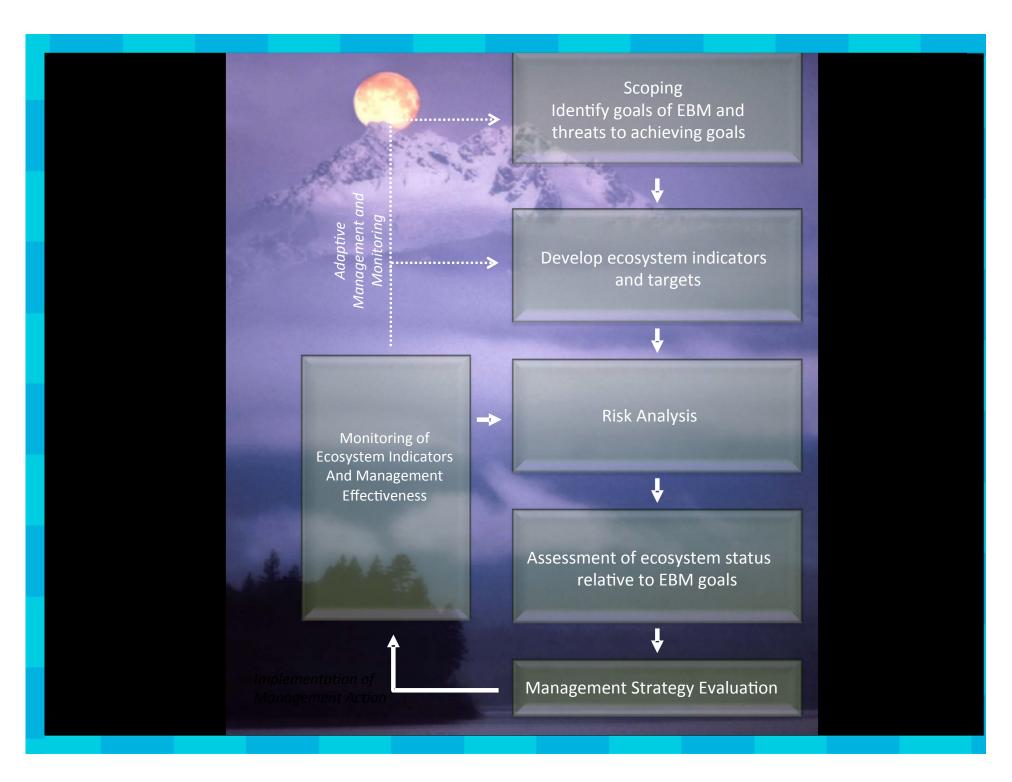




- 1. Maintain/restore ecosystem health
- 2.Protect Unique/Rare Features
- 3. Facilitate Research
- 4. Promote Sustainable Uses

Integrated Ecosystem Assessment (IEA)?

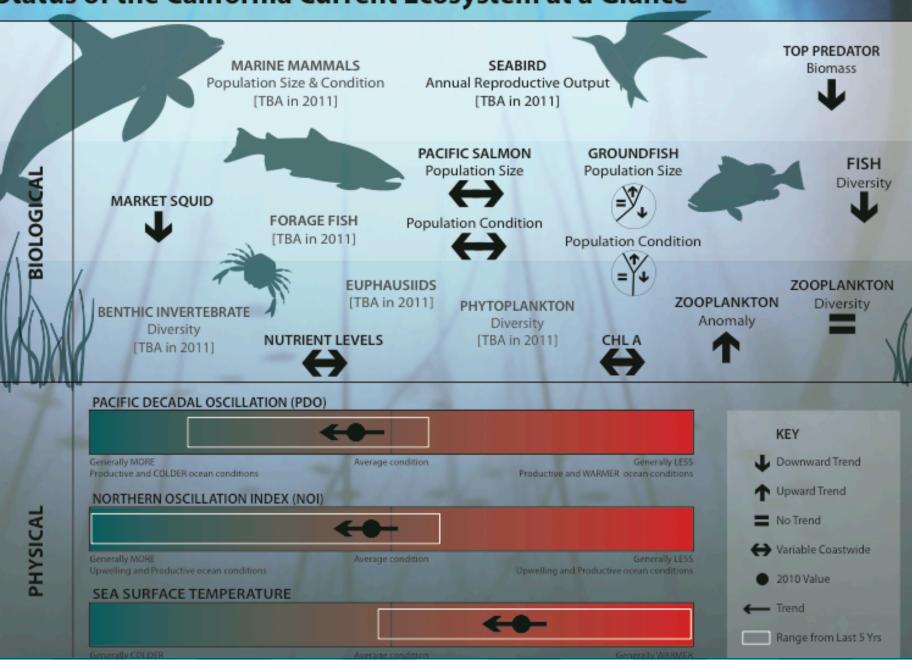
- An IEA is a PROCESS AND A PRODUCT for organizing science to inform management decisions.
- IEAs SCIENTIFICALLY ASSESS the status of a whole ecosystem and measure it against established benchmarks.
- An IEA synthesizes the best-available science relative to specified management goals and provides STRATEGIC ADVICE to managers on anticipated responses and tradeoffs of management options.



ı		
ı	Policy Question	IEA Step
ı	What does a healthy ecosystem look like?	Objectives, indicators / targets
	What is the health of the ecosystem?	Current status, risk assessment
	What action should be considered?	Generate alternative management options
	Where should we start	Management strategy evaluation

Policy Question	Management
What does a healthy ecosystem look like?	Stated target-
	We want to see an increase in eelgrass by 20% Show the tradeoffs
What is the health of the ecosystem?	What is the status now?
What action should be considered?	Generate actions to be tested from community and management
Where should we start	IEA is in tool development phase

Status of the California Current Ecosystem at a Glance



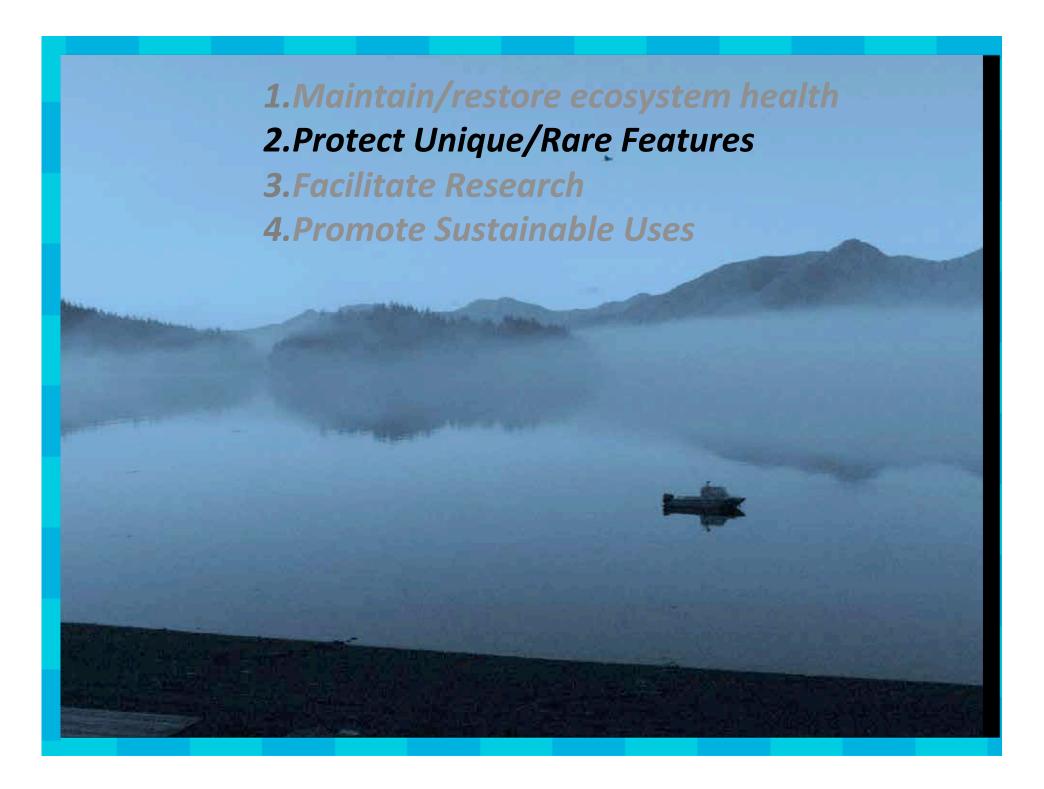
- Year 1
 - Ecosystem health
 - Fisheries
 - Groundfish
 - Salmon
 - Protected Species
 - Salmon
 - Green sturgeon

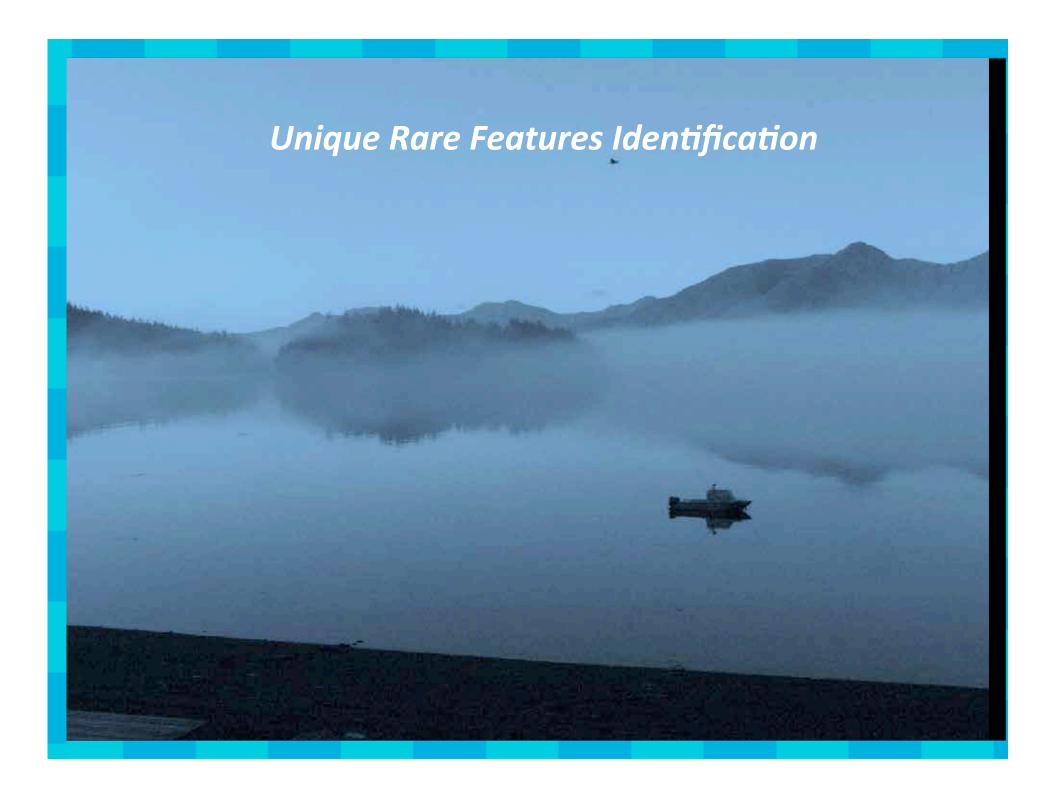
•Year 2

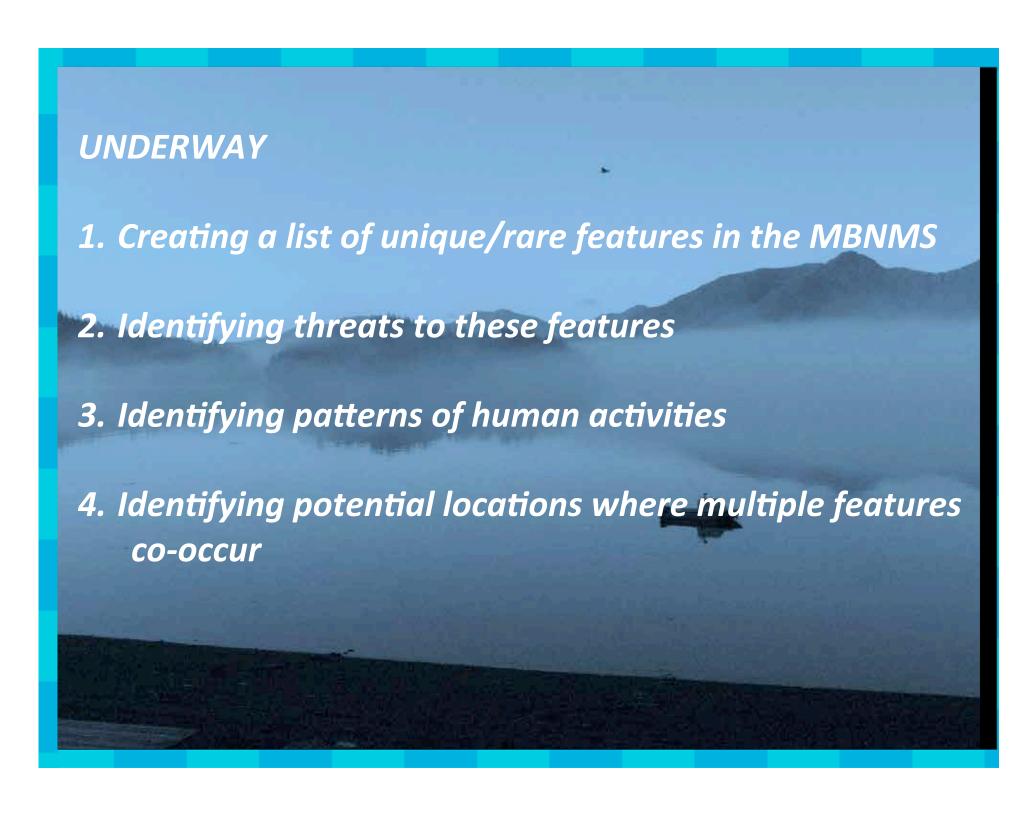
- Ecosystem health
- •Fisheries
 - •Groundfish
 - •Salmon
 - Coastal Pelagic Species
- Protected Species
 - •Salmon
 - •Green sturgeon
 - •Marine mammals, birds
- Coastal Communities

- Year 3
 - Ecosystem health
 - Fisheries
 - Groundfish
 - Salmon
 - Coastal Pelagic Species
 - Protected Species
 - Salmon
 - Green sturgeon
 - Marine mammals, birds
 - Coastal Communities
 - Habitat
 - Biogenic
 - Physical
 - Water quality







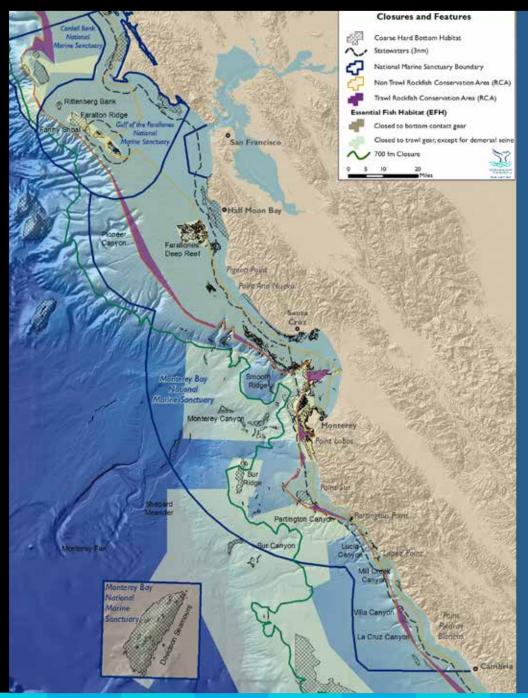


Partnership opportunity

Essential Fish Habitat Review underway
Sustainable Fisheries Act (1996) requires NMFS to:
describe and identify essential fish habitat
Minimize to extent practicable adverse effects on EFH

EFH defined as "waters and substrate necessary to fish for spawning, breeding, feeding or growth to maturity

5 year Review underway



Essential Fish Habita Current Status

•Opportunity to understand how current management scheme is working for fishing community and meeting EBM Initiative goals

EFH Review Timeline

Timing/Due Date	Action
Phase I: April 2011-April 2012	Council approves the process, and solicits for information and data (deadline: July 1, 2011) NMFS Science Center (or contractor) compiles and synthesizes data and information, initiates review. EFHRC starts reviewing interim products EFHRC drafts report summarizing new data and information; including how it compares with existing information, maps, etc.
Phase II: April 2012	Council adopts interim report and issues RFP for any changes to existing GF EFH, HAPCs, etc.
Sept 2012	EFHRC drafts final report, including recommendations for potential changes to EFH
November 2012	Final Action by Council (END PHASE II)
Phase III: Post November 2012	If Council final action warrants additional activity, that would initiate Phase 3. Additional work could be in the form of an FMP amendment or other non- FMP product such as a chapter in the SAFE document. At that point, the EFHRC would be adjourned, because the review will have been completed. Any further work would require delegation to or establishment of an appropriate workgroup (e.g., GMT, amendment committee, etc.)







- Presented to Pacific Fishery Management Council
- Accepted invitation to work together to identify priority EBM questions for NMFS and MBNMS
- Reaching out to broader management agencies to identify priority research questions





- Fishing working group for SAC
- Local Catch Monterey
- Informal discussions with fishers in MBNMS
- Identifying priority concerns and potential projects for collaboration
- Recreational boater outreach

